



# BioMEMS@UC

MicroSystems and BioMEMS Lab



Microelectronics and Photonics

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## What are MEMS?

Microelectromechanical Systems (MEMS) are devices containing extremely small mechanical elements, which are usually integrated together with electronic processing circuitry. To define this type of mechanisms, so small that one cannot distinguish them with the naked eye, we use the term of "Nanotechnology" nano being a billionth of meter.

MEMS are manufactured with techniques similar to those used for the manufacture of the microchips (Leading-edge polysilicon wafer).

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## More about MEMS:

- [History of MEMS](#)
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